



Attorney's Docket No.: 13764-007001

#12

1648

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Choi et al. Art Unit : 1648  
Serial No. : 09/888,114 Examiner : Zachariah Lucas  
Filed : June 22, 2001  
Title : COMPOSITIONS AND METHODS FOR INCREASING THE ORAL ABSORPTION OF ANTIMICROBIALS

Commissioner for Patents  
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a counterpart application PCT/US 01/19625 is also enclosed.

Appended to Desig. ID "AL", which is not in the English language, is an English abstract thereof.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3/20/03

  
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Sheet 1 of 1

Substitute Form PTO-1449  
(Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)  
(37 CFR §1.98(b))

Attorney's Docket No.  
13764-007001

Application No.  
09/888,114

Applicant  
Choi et al.

Filing Date  
June 22, 2001

Group Art Unit

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### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,188,373	02/12/80	Krezanoski			
	AB	4,732,753	03/22/88	Füller			
	AC	5,856,474	01/05/99	Ascher et al.			
	AD	5,861,508	01/19/99	Ludescher et al.			
	AE	6,025,352	02/15/00	Cho et al.			
	AF	6,063,917	05/16/00	Ascher et al.			
	AG	6,093,813	07/25/00	Ascher et al.			
	AH	6,214,378	04/10/01	Tanida et al.			
	AI	6,232,306	05/15/01	Hebeisen et al.			

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AJ	EP 0 207 624 B1	01/07/87	EP				
	AK	EP 0 580 428 B2	01/26/94	EP				
	AL	JP 60-67413	04/17/85	Japan				
	AM	WO 99/31106	06/24/99	WIPO				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AN	Bretschneider et al., "Intestinal Transport of $\beta$ -Lactam Antibiotics: Analysis of the Affinity at the H <sup>+</sup> /Peptide Symporter (PEPT1), the Uptake into Caco-2 Cell Monolayers and the Transepithelial Flux", <i>Pharm. Res.</i> 16(1):55-61 (1999)
	AO	Choi, Tenth International Symposium on Recent Advances in Drug Delivery Systems, February 19-22 (2001)
	AP	Goldstein et al., "Comparative In Vitro Activities of Ertapenem (MK-0826) against 1,001 Anaerobes Isolated from Human Intra-Abdominal Infections", <i>Antimicrob. Agents Chemother.</i> 44(9):2389-2394 (2000)
	AQ	Imamura et al., "Stereoselective Synthesis of a Broad Spectrum 1 $\beta$ -Methylcarbapenem, J-114,870", <i>Tetrahedron</i> 56:7705-7713 (2000)
	AR	Jiraskova, "RWJ-333441 Microcide/RW Johnson", <i>Curr Opin Invest Drugs</i> 2(2):209-211 (2001)
	AS	Lee et al., "Bioadhesive-Based Dosage Forms: The Next Generation", <i>J. Pharm. Sci.</i> 89(7):850-866 (2000)

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13764-007001	Application No. 09/888,114
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Choi et al.	
		Filing Date June 22, 2001	Group Art Unit
(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AT	Longer et al., "Bioadhesive Polymers as Platforms for Oral Controlled Drug Delivery III: Oral Delivery of Chlorothiazide Using a Bioadhesive Polymer", <i>J. Pharm. Sci.</i> 74(4):406-411 (1985)
	AU	Natsume et al., "Screening of cationic compounds as an absorption enhancer for nasal drug delivery", <i>Int. J. Pharm.</i> 185:1-12 (1999)
	AV	Sorbera et al., "MK-0826", <i>Drugs of the Future</i> 25(8):795-802 (2000)
	AW	van Ogtrop, "MK-826 Merck & Co", <i>Curr. Opin Anti-Infect. Invest. Drugs</i> 1(1):74-77 (1999)

Examiner Signature	Date Considered
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